

Application No. 10/579,193
Amendment dated October 9, 2007
Reply to Office Action of July 6, 2007



Docket No.: 0943-0166PUS1

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ABSTRACT OF THE DISCLOSURE

A drive device of an ultrasonic linear motor has a rail and a base body and driving parts interposed between rail and base body. The base body is moved in a straight line with respect to the length direction of the rail by the driving parts. The driving parts are provided on left and right leg parts of the base body, and the load of the base body acts almost not at all on the driving part. The driving parts have ultrasonic vibrators and rollers rotationally driven by the ultrasonic vibrators. The rollers are urged by an urging member toward and into contact with guiding side faces of the rail, driving forces generated by the driving parts act on the guiding side faces of the rail, and the base body moves in the length direction of the rail.